INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/35594

			PCI	U&U4/33394	
A. CLASSIFICATION OF SUBJECT MATTER					
IPC(7) : H05B 37/02					
US CL : 315/158, 149, 150-155, 157; 250/214 AL, 214 VT, 206					
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)					
U.S. : 315/158, 149, 150-155,157; 250/214 AL, 214 VT, 206					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
become many than initial many minimum decome many in the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
decidence data base consumed during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where a	appropriate, of t	the relevant pass	sages	Relevant to claim No.
X	US 6,337,541 B1 (DICKIE et al) 08 January 2002 (08.01.2002), entire document				1-3,5-10,12-
	1				16,18,19,23-29,31-35
Y,P	US 2003/0234621 A1 (KRIPAROS) 25 December 2003 (25.12.2003), see [0016]				and 37-39
				ł	
				[4, 11, 30 and 36
Y, P	7, P US 2004/0198463 A1 (KNOEDGEN) 07 October 2004 (07.10.2004), Abstract			17	
X, P	K, P US 2003/0218433 A1 (WATANABE) 27 November 2003 (07.11.2003), Figures 1 and 2				20-22
1				ļ	
}				ŀ	•
J				Í	
				1	
				j	
}				1	
				- 1	
[1	
i				1	
					
Further	documents are listed in the continuation of Box C.	See	patent family a	nnex.	
* Sp	pecial categories of cited documents:	"T" late	er document publishe	d after the interr	stional filing date or priority
date and not in conflic				with the applicat	ion but cited to understand the
particular	defining the general state of the art which is not comidered to be of relevance	pru	reiple or theory unde	riying the mvent	ion
-					nimed invention cannot be
"B" earlier app	lication or patent published on or after the international filing date		isidered novel or cam en the document is ta		d to involve an inventive step
"L" document which may throw doubts on priority claim(s) or which is cited to					
establish ti specified)	he publication date of another citation or other special reason (as				nimed invention cannot be inen the document is combined
specially					such combination being
"O" document	ment referring to an oral disclosure, use, exhibition or other means obvious to a person skilled in the a			ed in the art	-
"P" document	published prior to the international filing date but later than the	"&" doc	ament member of the	same patent fan	กปัง
priority date claimed					
Date of the actual completion of the international search Date of mailing of the international search report					
11 May 2005 (11.05.2005)			1.08	IL 200	9
	iling address of the ISA/US	Authorized officer			
	Stop PCT, Atm: ISA/US	TUYET THI VO J. While Co			
	missioner for Patents Box 1450				
	andria, Virginia 22313-1450	Telephone No	o. 571 272 1830	0	12.
	(703)305-3230			-	to.